

#2

Sheet 1 of 2

Form 1449*	Atty. Docket No.: 1528.008US1	Serial No. <u>Unknown</u>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Jay Dee Krull et al.	10/029,917
	Filing Date: <u>Herewith 12/21/2001</u>	Group: <u>Unknown</u>

10/029,917
12/21/01

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<u>TN</u>	5,371,497	12/06/1994	Nimura, M., et al.	340	995	08/05/93
<u>TN</u>	5,638,279	06/10/1997	Kishi, H., et al.	364	443	10/31/95
<u>TN</u>	5,739,772	04/14/1998	Nanba, A., et al.	340	990	08/16/96
<u>TN</u>	5,874,905	02/23/1999	Nanba, A., et al.	340	995	08/14/96
<u>TN</u>	6,121,900	09/19/2000	Takishita, H.	340	995	08/10/98
<u>TN</u>	6,199,013	03/06/2001	O'Shea, M.J.	701	211	07/15/97
<u>TN</u>	6,202,026	03/13/2001	Nimura, M., et al.	701	211	07/29/98
<u>TN</u>	6,317,684	11/13/2001	Roeseler, A., et al.	701	202	12/22/99
<u>TN</u>	6,317,687	11/13/2001	Morimoto, K., et al.	701	211	10/05/92
<u>TN</u>	6,321,158	11/20/2001	DeLorme, D.M., et al.	701	201	08/31/98

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
-----------------------	-----------------	------	---------	-------	----------	-------------------------

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

<u>TN</u>	"An optimal pathfinder for vehicles in real-world digital terrain maps", http://www.nease.net/jamsoft/shortestpath/pathfinder/4.html , 11 pages, (1999)
<u>TN</u>	"Informed Search Methods", <u>Artificial Intelligence, A Modern Approach</u> , Prentice Hall, Inc., pp. 92-115, (1995)
<u>TN</u>	"Real-Time Vehicle Routing in Dynamic and Stochastic Urban Traffic Networks", http://www.gpu.srv.ualberta.ca/lfu/research.htm , pp. 1-3, (1997)
<u>TN</u>	Ahuja, R., et al., "Faster Algorithms for the Shortest Path Problem", <u>Journal of the Association for Computing Machinery</u> , 37(2), pp. 213-223, (1990)
<u>TN</u>	Cung, V., et al., "An Efficient Implementation of Parallel A **", <u>CFPAR</u> , Montreal, Canada, pp. 153-167, (1994)
<u>TN</u>	Fredman, M., et al., "Fibonacci heaps and their uses in improved network optimization algorithms", <u>Journal of the ACM</u> , 34(3), 2 pages, (1987)
<u>TN</u>	Fu, L., "Heuristic Shortest Path Algorithms and their Potential IVHS Applications", <u>Proceedings of the Fourth University of Alberta - University of Calgary, Joint Graduate Student Symposium in Transportation Engineering</u> , pp. 83-109, (1995)
<u>TN</u>	Ikeda, T., et al., "A Fast Algorithm for Finding Better Routes by AI Search Techniques", <u>Vehicle Navigation and Information Systems Conference Proceedings</u> , pp. 291-296, (1994)

Examiner Jan Nguyen | Date Considered 02/25/03

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449*	Atty. Docket No.: 1528.008US1	Serial No. Unknown 10/629,917
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Jay Dee Krull et al.	
	Filing Date: Herewith 12/21/2001	Group: Unknown 3661

OTHER DOCUMENTS

**Examiner
Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

TN	Kaindl, H., et al., "Memory-Bounded Bidirectional Search", <u>Proceedings of the 12th National Conference on Art</u> , AAAI Press, Seattle, WA, pp. 1359-1364, (1994)
TN	Laporte, G., "The Vehicle Routing Problem: An overview of exact and approximate algorithms", <u>European Journal of Operational Research</u> , 59, pp. 345-358, (1992)
TN	Myers, B., "Data Structures for Best-First Search", http://www4.ncsu.edu/jbmyers/dsai.htm , pp. 1-6, (1997)
TN	Ronngren, R., et al., "Parallel and Sequential Priority Queue Algorithms", <u>ACM Transactions on Modeling and Computer Simulation</u> , 7(2), pp. 168-172, 198, 199, (1997)
TN	Stout, B., "Smart Moves: Intelligent Pathfinding", <u>Gamasutra</u> , http://www.gamasutra.com/features/programming/080197/pathfinding.htm , pp. 1-11, (1997)
TN	Wai, L., et al., "Comparative Study of Shortest Path Algorithm for Transport Network", <u>USRP Report 2</u> , http://www.comp.nus.edu.sg/leonghoe/USRPreport-txt.html , pp. 1-10, (1999)
TN	Zhan, F.B., "Three Fastest Shortest Path Algorithms on Real Road Networks: Data Structures and Procedures", <u>Journal of Geographic Information and Decision Analysis</u> , 1(1), http://www.geog.uwo.ca/gimda/journal/vol1.1/Zhan/Zhan.htm , 11 pages, (1997)
TN	Zhao, Y., et al., "An Adaptive Route-Guidance Algorithm for Intelligent Vehicle Highway Systems", <u>American Control Conference, Boston, MA</u> , Department of Electrical Engineering and Computer Science, The University of Michigan, pp. 2568-2573, (1991)

Examiner Jan NguyenDate Considered 02/25/2003

*Substitute Disclosure Statement Form (RTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEP 12 2002

#3

PTO/SB/00A(10-01)
 Approved for use through 10/31/2002. OMB 051-0001
 US Patent & Trademark Office U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution for form 1449A (P.O.)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/029917
Filing Date	December 21, 2001
First Named Inventor	Krull, Jay Dee
Group Art Unit	3661
Examiner Name	Unknown <i>Nguyen Tan</i>

Sheet 1 of 1

Attorney Docket No: 01528.008US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
<i>TN</i>	US-5537323	07/16/1995	Schulte, Hans H.	364	449	01/18/1994

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
--------------------	---------------------	------------------	-------------------------------------------------	-------	----------	----------------

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
--------------------	----------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------

COPY OF PAPERS
ORIGINALLY FILED

EXAMINER

Tan Nguyen

DATE CONSIDERED

02/05/2003

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached